AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wearable cooler, comprising:

a thermoelectric module providable on clothes for absorbing and discharging heat according to an electric current;

at least one first heat sink provided at a first side of the thermoelectric module, the at least one first heat sink being provided at an outside of the clothes;

at least one second heat sink provided at a second side of the thermoelectric module, the second side being opposite of the first side; and

at least one fan provided at the first side of the thermoelectric module for causing air to flow through the at least one first heat sink, wherein the at least one fan is placed directly above the corresponding at least one first heat sink.

2. (Canceled)

3. (Previously Presented) The wearable cooler of claim 1, wherein the at least one first fan is an axial flow fan.

4. (Currently Amended) A wearable cooler, comprising:

a thermoelectric module providable on clothes for absorbing and discharging heat according to an electric current;

at least one first heat sink provided at a first side of the thermoelectric module;

at least one second heat sink provided at a second side of the thermoelectric module, the second side being opposite of the first side;

at least one first fan provided at the first side of the thermoelectric module for causing air to flow through the at least one first heat sink, wherein the at least one first fan is directly above the corresponding at least one first heat sink; and

an external case surrounding the at least one first heat sink and the at least one first fan, and having at least one air inlet and at least one air outlet, the at least one outlet being provided in all directions at the external case.

5. (Previously Presented) The wearable cooler of claim 4, wherein the at least one first heat sink is provided at an outside of the clothes.

6. (Previously Presented) The wearable cooler of claim 4, wherein each of the at least one air inlet corresponds to each of the at least one first fan.

7. (Canceled).

8. (Previously Presented) The wearable cooler of claim 4, wherein the at least one first fan is an axial flow fan.

9. (Currently Amended) A wearable cooler, comprising:

a thermoelectric module providable on clothes for absorbing and discharging heat according to an electric current;

a first heat sink provided at a first side of the thermoelectric module;

at least one second heat sink provided at a second side of the thermoelectric module, the second side being opposite of the first side;

at least one first fan provided at the first side of the thermoelectric module for causing air to flow through the at least one first heat sink, wherein the at least one first fan is directly above the corresponding at least one first heat sink such that the air flows out from the at least one first heat sink in all directions;

at least one second fan provided at the second side of the thermoelectric module for causing air to flow through the second heat sink; and

an external case having at least one air inlet and at least one air outlet, and surrounding the at least one first heat sink and the at least one first fan.

10. (Previously Presented) The wearable cooler of claim 9, wherein the at least one first heat sink is provided at an outside of the clothes.

11. (Previously Presented) The wearable cooler of claim 9, wherein each of the at least one air inlet corresponds to each of the at least one first fan.

12. (Previously Presented) The wearable cooler of claim 9, wherein the at least one air outlet is adjustable to change the direction of air discharge according to a user need.

13. (Previously Presented) The wearable cooler of claim 9, wherein the at least one first fan is an axial flow fan or the at least one second fan is an axial flow fan or both.

14. (Currently Amended) ~~The~~ A wearable cooler ~~of claim 10~~, comprising:

a thermoelectric module providable on clothes for absorbing and discharging heat according to an electric current;

a first heat sink provided at a first side of the thermoelectric module;

at least one second heat sink provided at a second side of the thermoelectric module, the second side being opposite of the first side;

at least one first fan provided at the first side of the thermoelectric module for causing air to flow through the at least one first heat sink, wherein the at least one first fan is directly above the corresponding at least one first heat sink and the at least one heat sink is provided at an outside of the clothes;

at least one second fan provided at the second side of the thermoelectric module for causing air to flow through the second heat sink, wherein the at least one second heat sink includes a space at a skin side opposite to a side near to the thermoelectric module, for containing the at least one second fan; and

an external case having at least one air inlet and at least one air outlet, and surrounding the at least one first heat sink and the at least one first fan..

15. (Previously Presented) The wearable cooler of claim 14, wherein the at least one second fan is a centrifugal fan.

16. (Previously Presented) The wearable cooler of claim 9, wherein the at least one second heat sink includes a contact guard having an opening being corresponding to the at least one second fan, the contact guard being placed at side of the at least one second heat sink opposite to the thermoelectric module.

17. (Previously Presented) The wearable cooler of claim 16, wherein the at least one second heat sink further comprises a projection part on a surface being in contact with the contact guard for maintaining a predetermined distance from the contact guard.

18. (Previously Presented) The wearable cooler of claim 9, wherein the clothes is provided at a skin side of the at least one second heat sink and the at least one second fan, and at least a portion thereof through which air passes by the at least one second fan includes a gauze.

19. (Previously Presented) The wearable cooler of claim 9, wherein the at least one second heat sink and the external case are provided on a rear side of the clothes.

20. (Original) The wearable cooler of claim 9, further comprises an electric current controller for supplying power to the thermoelectric module and controlling the electric current.

21. (Previously Presented) The wearable cooler of claim 1, wherein substantially all of the air blown by the at least one first fan passes through the corresponding at least one first heat sink.

22. (Previously Presented) The wearable cooler of claim 4, wherein substantially all of the air blown by the at least one first fan passes through the corresponding at least one first heat sink.

23. (Previously Presented) The wearable cooler of claim 9, wherein substantially all of the air blown by the at least one first fan passes through the corresponding at least one first heat sink.

24. (Previously Presented) The wearable cooler of claim 9, wherein substantially all of the air blown by the at least one second fan passes through the corresponding at least one second heat sink.

25. (Previously Presented) The wearable cooler of claim 9, wherein the at least one second fan is directly below the corresponding at least one second heat sink.

26. (Previously Presented) The wearable cooler of claim 1, wherein the at least one first heat sink includes a cavity portion and the at least one corresponding first fan is placed within the cavity portion of the at least one first heat sink.

27. (Previously Presented) The wearable cooler of claim 4, wherein the at least one first heat sink includes a cavity portion and the at least one corresponding first fan is placed within the cavity portion of the at least one first heat sink.

28. (Previously Presented) The wearable cooler of claim 9, wherein the at least one first heat sink includes a cavity portion and the at least one corresponding first fan is placed within the cavity portion of the at least one first heat sink.

29. (Currently Amended) ~~The~~ A wearable cooler ~~of claim 9~~, comprising:

a thermoelectric module providable on clothes for absorbing and discharging heat according to an electric current;

a first heat sink provided at a first side of the thermoelectric module;

at least one second heat sink provided at a second side of the thermoelectric module, the second side being opposite of the first side, ~~wherein~~ the at least one second heat sink ~~includes~~ including a cavity portion;

at least one first fan provided at the first side of the thermoelectric module for causing air to flow through the at least one first heat sink, wherein the at least one first fan is directly above the corresponding at least one first heat sink;

at least one second fan provided at the second side of the thermoelectric module for causing air to flow through the second heat sink, ~~and~~ the at least one ~~corresponding~~ second fan ~~is~~ being placed within the cavity portion of the at least one second heat sink; and

an external case having at least one air inlet and at least one air outlet, and surrounding the at least one first heat sink and the at least one first fan.

30. (Previously Presented) The wearable cooler of claim 1, wherein the thermoelectric module is controllable to provide heat to a wearer or to absorb heat away from the wearer.

31. (Previously Presented) The wearable cooler of claim 4, wherein the thermoelectric module is controllable to provide heat to a wearer or to absorb heat away from the wearer.

32. (Previously Presented) The wearable cooler of claim 9, wherein the thermoelectric module is controllable to provide heat to a wearer or to absorb heat away from the wearer.

33. (Previously Presented) The wearable cooler of claim 1, wherein the at least one fan blows air to the at least one first heat sink.

34. (Previously Presented) The wearable cooler of claim 4, wherein the at least one first fan blows air to the at least one first heat sink.

35. (Previously Presented) The wearable cooler of claim 9, wherein the at least one first fan blows air to the at least one first heat sink.

36. (Previously Presented) The wearable cooler of claim 9, wherein the at least one second fan blows air to the at least one second heat sink.